



12-06-08

GP: 2133

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Kazuhisa OHBUCHI  
Takaharu NAKAMURA  
Kazuo KAWABATA

Serial No.: 09/301,853

Filed: April 29, 1999

Title: **INTERLEAVING METHOD AND APPARATUS, DE-  
INTERLEAVING METHOD AND APPARATUS, AND  
INTERLEAVING/DE-INTERLEAVING SYSTEM AND  
APPARATUS**

Examiner: Guy J. Lamarre

Group Art Unit: 2133

**RECEIVED**

**DEC 09 2002**

**Technology Center 2100**

December 5, 2002

Commissioner for Patents  
Washington, D.C. 20231

**SUPPLEMENTAL AMENDMENT**

Sir:

Prior to any Office Action on the merits following the Request for Continued  
Examination filed on November 8, 2002, please amend the subject application as follows:

**IN THE CLAIMS**

1. (Thrice Amended) An interleaving method comprising the steps of:  
arranging data to be transmitted in a matrix; and  
rearranging said data by interchanging rows of the matrix according to a

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On DEC-05-02

By: Patricia Muir

Patricia Muir